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## FACSIMILE COVER SHEET

**DATE:** March 11, 2004  
**FILE NO:** AMAT/5799/CPI/ALD/PJS  
**TO:** Examiner: Bret P. Chen  
**FAX NO:** 703-872-9306  
**PHONE NO:** 703-308-0661  
**COMPANY:** USPTO  
**FROM:** Robb D. Edmonds  
**PAGE(S) with cover:** 12  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO OFFICE ACTION DATED DECEMBER 11, 2003

**TITLE:** CYCLICAL DEPOSITION OF TUNGSTEN NITRIDE FOR METALOXIDE GATE ELECTRODE  
**U.S. SERIAL NO.:** 10,084,767  
**FILING DATE:** February 26, 2002  
**INVENTOR:** Shulin Wang, et al  
**EXAMINER:** Chen, Bret P.  
**GROUP ART UNIT:** 1732  
**CONFIRMATION NO.:** 3478

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## PATENT

Atty. Dkt. No. AMAT/5799/CP/ALD/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Shulin Wang, et al

Serial No.: 10/084,767

**Confirmation No.: 3478**

**Filed: February 26, 2002**

**For: CYCLICAL DEPOSITION OF  
TUNGSTEN NITRIDE FOR  
METALOXIDE GATE  
ELECTRODE**

**Group Art Unit: 1762**

**Examiner:** Chen, Bret P.

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**Commissioner for Patents**  
**P.O. Box 1450**  
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**Dear Sir:**

**CERTIFICATE OF FACSIMILE  
TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence and the documents referred to as attached therein are being transmitted on March 11, 2004 via facsimile to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9306 to the attention of the named Examiner, on the date below.

3/11/2004  
Date

Kohl D. Edwards  
Signature

**RESPONSE TO OFFICE ACTION DATED DECEMBER 11, 2003**

In response to the Office Action dated December 11, 2003, having a shortened statutory period for response set to expire on March 11, 2004, please enter this Response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this Response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/5799/13TP, for any fees, including extension of time fees or excess claim fees, required to make this Response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks/Arguments begin on page 10 of this paper.